BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineer
Yelahanka Division
B.B.M.P. Bengaluru - 64

APPROVED TENDER SCHEDULE –'B'

Name of Work:Construction of Rangamandira in front of RTO complex in B sector in ward No:04

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor	
				Rate	Rate in Words
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for **levelling and lowering** the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a) / 2.3.1	Cum	102.08	124.02	Rupees one hundred twenty four and paise two only
2	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2013-14)	Cum	49.48	223.66	Rupees two hundred twenty three and paise sixty six only
	For RCC drain		18.40	227.88	Rupees two hundred twenty seven and paise eighty eight only
3	KSRB 2.10: Providing sand cement bed with 5% cement with all leads for all materials and lift of 1.5 m. machine mixed, laid in layers of 15 cms. thick and well compacted for foundation. including curing cost of materials labour and HOM complete as per specifications. specification. No. KBS (P.6/1.2.17 PW,	Cum	6.70	2604.42	Rupees two thousand six hundred four and paise forty two only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor	
				Rate	Rate in Words
4	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M 7.5 withOPC cement at 180kgs. with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed. concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2013-14	Cum	71.74	4211.38	Rupees four thousand two hundred eleven and paise thirty eight only
	For RCC drain		3.11	4290.84	Rupees four thousand two hundred ninety and paise eighty four only
5	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.22/1.5.6 PW, P & IWTD -SR 2013-14) CCL for 1st footing	Cum	16.43	3484.22	Rupees three thousand four hundred eighty four and paise twenty two only
6	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chisle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.22/1.5.9 PW, P & IWTD -SR 2013-14)	Cum	5.56	4148.34	Rupees four thousand one hundred forty eight and paise thirty four only
7	KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.97/1.15.3 PW, P & IWTD SR 2013-14)	Sqm	11.48	78.44	Rupees seventy eight and paise forty four only

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Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor	
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8	KSRB 4-1.6 : Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.6 PW, P & IWTD -SR 2013-14)	Cum	8.27	4690.50	Rupees four thousand six hundred ninety and pasie fifty only
9	KSRB 2.3: Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m, including cost of all labour complete as per specifications. specification. No. KBS 2.9 (P.6/I.2.10 PW, P & IWTD 2013-14	Cum	67.88	99.64	Rupees ninety nine and paise sixty four only
10	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.14/I.4.28 PW, P & IWTD --SR 2013-14)	Sqm	22.05	220.48	Rupees two hundred twenty and paise forty eight only
11	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, piliars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.15/I.4.32 PW, P & IWTD --SR 2013-14)	Sqm	91.52	330.72	Rupees three hundred thirty and paise seventy two only
12	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.15/I.4.34 PW, P & IWTD --SR 2013-14)	Sqm	66.48	239.56	Rupees two hundred thirty nine and paise fifty six eight only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor	
				Rate	Rate in Words
13	KSRB 4-6.2: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	10.08	284.08	Rupees two hundred eighty four and paise eight only
14	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification, Specification No.	Sqm	2.16	242.74	Rupees two hundred forty two and paise seventy four only
15	KSRB 4.2.2 : Providing and laying in position **Reinforced cement concrete of mix M20 with OPC cement** @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications, Specification. No. KBS 4.1,4.6, No. KBS 4,1,4,6, No. 13/ Item No. 4.11/ PWD SR 2013-14)	Cum	55.86	5535.32	Rupees five thousand five hundred thirty five and paise thirty two only
	For RCC drain		8.63	5639.76	Rupees five thousand six hundred thirty nine and paise seventy six only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor	
				Rate	Rate in Words
16	KSRB 4.9.2: **Providing T.M.T steel reinforcement** for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 19/ Item No. 4.46/ PWD SR 2013-14))	Qtl	44.69	7244.04	Rupees seven thousand two hundred forty four and paise four only
	For RCC drain		6.04	7380.72	Rupees seven thousand threew hundred eighty and paise seventy two only
17	KSRB 4-6.4 : **Providing and removing centering, shuttering**, struting, propping etc., and removal of form work for vertical surface such as **walls of any thickness**, attached pilasters, bittresses,buttresses plinth and string course including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ It No. 4.31/ PWD SR 2013-14	Sqm	73.60	271.08	Rupees two hundred seventy one and paise eight only
18	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of nominal mix 1:1.5:3 with 12mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness. upto ground floor level. including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1. 4.6 (P.13/I.4.19 PW. P & IWTD --SR 2013-14)	Sqm	2.16	405.98	Rupees four hundred five and paise ninety eight only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor	
				Rate	Rate in Words
19	KSRD 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P.24/1.5.27 PW, P & IWTD -SR 2013-14)	Sqm	162.13	907.36	Rupees nine hundred seven and paise thirty six only
20	Supplying and fixing pressed **steel door frames size 125 x 65 mm** manufactured from 1.25 mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm thick with lock rail of 160 mm width, top and side of 100 mm width and bottom rails of 250 mm width and panel filling with 12 mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, war page and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4 (P.18/1.7.26)	Sqm	3.78	3710.00	Rupees three thousand seven hundred ten only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor	
				Rate	Rate in Words
21	KSRB 7.7 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm. weighing 2.28Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4 Nos. of hold fasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12.1 / 7.12.2 /	Sqm	4.32	3638.98	Rupees three thousand six hundred thirty eight and paise ninety eight only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor	
				Rate	Rate in Words
22	**Fabricating supplying and erecting M.S. angular Truss of span upto 10m** bottom and top member is provided with 50x50x6mm double equale angles, welded back to back and in between top and bottom line, in ereas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided all the members are weldeded togeher with 6mm gusset plate as per drawing. Nos CBS/SD/K-mantap/9/MNJ/97. The enter truss is anchored in RCC column buy using 4Nos of M.S anchor bolts at each support, with 10mm thick base plate and shoe plate. The work includes cutting, straightening , pacing in position of M.S angle and welding wherever necessary, and **applying one of red oxide primer coat** to all the members including cost of all materials, labour charges and higher charges of mechineries for cutting welding, granding and erection equipments, etc, complete as per specification. Page No. 46/ I No. 7.30/ PWD SR 2013-14	Kgs	1479.36	125.08	Rupees one hundred twenty five and paise eight only
23	KSRB 8.3-2 Providing and laying to required line and **slope roofing with semi-corrugated (Trafford) asbestos cement sheet** 6mm. thick fixed with galvanised iron J or L hooks, blots and nits 8mm dia C.I. plain and bitumen washers, over the existing purlins, rafters and trusses including cost of materials, labour, complete as per specifications Page No. 51/ Item No. 8.6/ PWD SR 2013-14	Sqm	44.80	397.50	Rupees three hundred ninety seven and paise fifty only
24	**Providing and laying** flooring using pre polishing water cut/gang saw 19 mm thick Granite slab over existing cement concrete bed in CM 1:4 at 20mm thick (average) pointed with white cement/ colour pigment etc., complete. -do- using gray **granite** Page No. 115/ Item No. 14.47.1 / PWD SR 2013-14	Sqm	86.24	2067.00	Rupees two thousand sixty seven only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor	
				Rate	Rate in Words
25	KSRB 15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.98/ 1.15.21 PW, P & IWTD -SR 2013-14)	Sqm	10.08	163.24	Rupees one hundred sixty three and paise twenty four only
26	KSRB 15-3.7 : Providing 18mm thick cement plastering single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.97-98/1.15.15 PW, P & IWTD --SR 2013-14)	Sqm	200.55	209.88	Rupees two hundred nine and paise eighty eight only
27	KSRB 15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (P.99 /1.15.33 PW, P & IWTD -SR 2013-14)	Sqm	210.63	19.08	Rupees nineteen and paise eight only
28	KSRB 15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.98/1.15.18 PW, P & IWTD --SR 2013-14)	Sqm	418.85	223.66	Rupees two hundred twenty three and paise sixty six only
29	KSRB 15-15.1: Providing and applying painting in two coats with plastic emulsion paint with primer of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer (P.101/1.15.51.2 PW, P & IWTD -SR 2013-14)	Sqm	210.63	63.60	Rupees sixty three and paise sixty only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor	
				Rate	Rate in Words
30	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint with primer of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer (P.102 / 15.53.2 PW, P & IWTD --SR 2013-14)	Sqm	418.85	78.44	Rupees seventy eight and paise forty four only
31	KSRB 8.6-5 : Providing and fixing on wall surface 2.5 kg / sq.cm H.D.P.E. rain down water pipes 90 mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps. wall plugs, screws, including cost of materials, labour, curing complete as per specifications. (P.42/I.8.16 PW, P & IWTD -SR 2013-14)	Mtr	13.20	415.52	Rupees four hundred fifteen and paise fifty two only
32	Providing and fixing RCC Slabs 5cms thick for wall shelves with 12mm and down size jelly cement concrete 1:1 1/2 :3 including CM 1:3 plaster finishing, curing etc., complete (excluding the cost of steel, fabrication and plastering charges).P 18 / 4.57.	Sqm	198.10	491.84	Rupees four hundred ninety one and paise eighty four only
33	Providing RCC pre cast covering slab as per data rate	Sqm	29.70	1249.00	Rupees one thousand two hundred forty nine only
34	Supplying and wiring adoptiong loop system in existing PVC conduit /casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose legnth in a wood/PVC round block, complete for each outlet. (P.4/I.8.1.C) Electrical-SR 2012-13)	No.			
	b) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch		4.00	175.00	Rupees one hundred seventy five only
	c) Long point above 6Mtr upto 10Mtr from tapping point to out let via switch		4.00	368.00	Rupees three hundred sixty eight only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor	
				Rate	Rate in Words
35	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete. (P.4/1.6) Electrical -SR 2012-13)	Each			
	a) 4"x4"x3"		2.00	44.00	Rupees forty four only
	b) 12"x12"x3"		1.00	98.00	Rupees ninety eight only
	c) 10"x7"x3"		1.00	68.00	Rupees sixty eight only
36	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulated etc.., and fixing on existing wooden or metal box using N.F. screws.., (P.10/1.22) Electrical SR - -SR 2012-13)	Sq. cmt	3000.00	0.22	paise twenty two only
37	Extra for groove cutting, plastering and colour washing for embedding PVC conduit/GI pipe and plastering finishing the wall upto wall surface complete upto 50mm conduit in brick in wall (P.3/1.7a) Electrical-SR 2012-13)	Rmtr	20.00	14.00	Rupees fourteen only
38	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit..... The pit should be filled with equal proportion of salt and charcoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as per IS1 specification 7.3.3 of IS 732 using 12 mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 122 mm dia. (P.68/1.2) Electrical -SR 2012-13)	Each	1.00	3000.00	Rupees three thousand only
39	Supplying and fixing of porcelain fuse chanel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc complete (P.32/1.3a) Electrical -SR 2012-13)	Each	2.00	54.00	Rupees fifty four only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor	
				Rate	Rate in Words
40	Supplying 20mm dia 2mm thick heavy guage PVC conduit pipe with suitable size bends, metal junction boxes, adhesive paste etc and running before concreting the slabs. The conduit should be tied to the reinforcement rods by using binding wire and unused ways of junction boxes and pipe ends should be covered using PVC and enclosures and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. (P.2/I.2a) Electrical -SR 2012-13)	Rmtr	20.00	32.00	Rupees thirty two only
41	Supplying and fixing PBBC brass/Bakelite straight or slant batten holder and wiring, within 60W/230 Volts lamps. (P.13/I.12a) Electrical -SR 2012-13)	No.	1.00	60.00	Rupees sixty only
42	Supply patty type fluorescent tube light fitting of 4 feet 40 watts fluorescent tube of 230 volts made of M.S. sheet and stove enameled with heavy duty polyfill aluminum choke, starter, locking type brass contact holders mounted on foldable type sheet base fully wired.for use on 230 volts AC supply including 1 Nos 4'-36/40 watts fluorecent tube A Group (P.16/I.2a)	No	5.00	400.00	Rupees four hundred only
43	Wiring for lighting / power circuits using one of PVC insulated 1100v/grade multies and copper conductor single core cable in open or concealed system of wiring A Group materials 1.50 Sqmm materials (P.9/I.20Ib)	Rmtr	80.00	15.00	Rupees fifteen only
44	Supplying and running of GI / Copper conductor for grounding & (along with other wires of CTS or conduit system of wiring) using if necessary suitable size clamps bolts nuts and washers etc. (P.68/I.3Ic)	Rmtr	4.00	221.00	Rupees two hundred twenty one only
45	Supplying and fixing miniature circuit breakers/Isolators on existing MCB distribution boards using necessary fixing materials and wiring complete as required (P.36/I.12Ba) Electrical -SR 2012-13)	No.	1.00	370.00	Rupees three hundred seventy only

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46	Supplying capacitor type ceiling fan complete with down rod blades, shakle, regulator canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved (Almanord, Unique ISI, Anchor, Crompton, Khaitan, Bajaj, Usha, Johnson make) (P.23/L.33Ha) Electrical -SR 2012-13)	Nos	1.00	1900.00	Rupees one thousand nine hundred only
47	Fixing a ceiling fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. (P.29/L.8) Electrical -SR 2012-13)	Nos	1.00	105.00	Rupees one hundred five only
48	Supplying and fixing 32mm dia class A GI pipe bracket upto 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. (P.28/L.12b) Electrical-SR 2012-13)	Nos	1.00	685.00	Rupees six hundred eighty five only
49	Digging of trench of 0.6m deep x 0.50mtr wide refilling the trench to the required ground level and consolidating etc., complete. In Hard Soil (P.70/L.6b) Electrical -SR 2012-13)	Rmtr	20.00	50.00	Rupees fifty only

Signature of the Contractor

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Executive Engineer,
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